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# United States Department of Agriculture

## MONTHLY LIST OF PUBLICATIONS

JULY 1944

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Publications will not be sent free to foreign addresses, except when exchanges of publications are made. Foreign correspondents should apply to Superintendent of Documents, Washington 25, D. C., enclosing remittance.

### FARMERS' BULLETINS

**Strawberry culture: Eastern United States.** George M. Darrow, Bureau of Plant Industry, Soils, and Agricultural Engineering. 42 p., illus. (Farmers' Bulletin 1028F., rev.) Price 10¢.

**Onion diseases and their control.** J. C. Walker, Bureau of Plant Industry, Soils, and Agricultural Engineering. 25 p., illus. (Farmers' Bulletin 1060F., rev.) Price 10¢.

**Preservation of vegetables by salting or brining.** John L. Etchells, Bureau of Agricultural and Industrial Chemistry, and Ivan D. Jones, North Carolina Agricultural Experiment Station. 16 p., illus. (Farmers' Bulletin 1932F., rev.) Price 5¢.

**Good pastures.** A. T. Semple, Soil Conservation Service, and M. A. Hein, Bureau of Plant Industry, Soils, and Agricultural Engineering. 22 p., illus. (Farmers' Bulletin 1942F., rev.) Price 10¢.

**Growing the transplant onion crop.** H. A. Jones, Bureau of Plant Industry, Soils, and Agricultural Engineering; L. R. Hawthorn, Texas Agricultural Experiment Station; and G. N. Davis, California Agricultural Experiment Station. 25 p., illus. (Farmers' Bulletin 1956F.) Price 10¢.

### LEAFLETS

**Kobe, a superior lespedeza.** Roland McKee and Howard L. Hyland, Bureau of Plant Industry, Soils, and Agricultural Engineering. 6 p., illus. (Leaflet 240L.) Price 5¢.

### AGRICULTURAL WAR INFORMATION SERIES

**Home-built electric dehydrator.** Bureau of Human Nutrition and Home Economics. [12] p., illus. (AWI-76.)

**Twelve points in grading dry edible beans.** Extension Service. [12] p., illus. (AWI-99.)

**How to prepare vegetables and fruits for freezing.** Bureau of Agricultural and Industrial Chemistry. (AWI-100.)

**Pickle and relish recipes.** Bureau of Human Nutrition and Home Economics. 16 p. (AWI-103.)

**Tomatoes on your table.** Bureau of Human Nutrition and Home Economics. [20 p.] (AWI-104.)

**Mobilizing help to save crops.** Extension Service. Illus. (AWI-106.)

### CIRCULARS

**Productive management of honeybee colonies in the Northern States.** C. L. Farrar, Bureau of Entomology and Plant Quarantine. 28 p., illus. (Circular 702C.) Price 10¢.

### MISCELLANEOUS PUBLICATIONS

**Make-overs from coats and suits.** Clarice L. Scott, Bureau of Human Nutrition and Home Economics. [16] p., illus. (Miscellaneous Publication 545M.) Price 10¢.

**Principles of nutrition and nutritive value of food.** Henry C. Sherman, Bureau of Human Nutrition and Home Economics. 40 p. (Miscellaneous Publication 546M.) Price 10¢.

**Minimum-wage budgets for women.** Bureau of Human Nutrition and Home Economics. 42 p. (Miscellaneous Publication 549M.) Price 10¢.

#### SERVICE AND REGULATORY ANNOUNCEMENTS

- Index to service and regulatory announcements, 1943.** Bureau of Entomology and Plant Quarantine. 2 p. (S. R. A.-B. E. P. Q. Index, 1943.)<sup>1</sup>
- Service and regulatory announcements.** Bureau of Animal Industry. May 1944. Pp. 29-34. (S. R. A.-B. A. I. 445.) Price 5¢ a copy; 25¢ a year, domestic; 60¢ a year, foreign.<sup>2</sup>
- Table of contents to Service and Regulatory Announcements, with list of plant pests intercepted with imported plants and plant products, Nos. 154-157, inclusive; January-December, 1943.** Bureau of Entomology and Plant Quarantine. 2 p. (S. R. A.-B. E. P. Q.)<sup>1</sup>

#### SOIL SURVEYS

**Mississippi, Tishomingo County.** (Series 1937, No. 10.) 104 p. Price 55¢.

#### TECHNICAL BULLETINS

- Financial aspects of selective cutting in the management of second-growth pine-hardwood forests west of the Mississippi River.** R. R. Reynolds, W. E. Bond, and Burt P. Kirkland. Forest Service. 118 p., illus. (Technical Bulletin 861T.) Price 20¢.
- A monographic study of bean diseases and methods for their control.** L. L. Harter and W. J. Zaunmeyer, Bureau of Plant Industry, Soils, and Agricultural Engineering. 160 p., illus. (Technical Bulletin 868T.) Price 25¢.
- Title pages and table of contents for Technical Bulletins 801-825.** Office of Information. 12 p. Price 5¢. For sale only.
- Title pages and table of contents for Technical Bulletins 826-850.** Office of Information. 12 p. Price 5¢. For sale only.

#### OTHER PUBLICATIONS

- Physical land conditions in Polk County, Georgia.** J. H. Winsor and C. L. Veatch, Soil Conservation Service. 55 p., illus. (Physical Land Survey No. 34.) Price 20¢. For sale only.<sup>2</sup>
- Popular publications for the farmer and homemaker.** Eleanor W. Clay, Office of Information. 31 p. (List No. 5.)
- Regulations governing the inspection, humane treatment, and safe transport of animals for export (except to Mexico).** Bureau of Animal Industry. Effective on or after July 1, 1944. 7 p. (B. A. I. Order 378.)<sup>1</sup>

#### PERIODICALS

Free distribution of periodicals is definitely restricted. They may be obtained by purchase or subscription from the Superintendent of Documents.

- Agricultural situation.** Vol. 28, No. 7, July 1944. Price 5¢ a copy; 50¢ a year, domestic; 70¢ a year, foreign.<sup>2</sup>
- Agriculture decisions.** Vol. 3, No. 5, May 1944. Price 15¢ a copy; \$1.50 a year.
- Bibliography of agriculture.** Vol. 5, No. 1, July 1944. 35¢ a copy, \$3.75 a year, domestic; 45¢ a copy, \$4.75 a year, foreign.<sup>2</sup>
- Experiment Station record.** Vol. 91, No. 2, August 1944. Price \$1.00 per volume (2 volumes a year) consisting of 6 monthly numbers and index, domestic; \$1.75 per volume, foreign. Single numbers for sale only, 15¢.<sup>2</sup>
- Extension service review.** Vol. 15, No. 7, July 1944. Illus. Price 10¢ a copy; 75¢ a year, domestic; \$1.15 a year, foreign.<sup>2</sup>
- Foreign agriculture.** Vol. 8, No. 7, July 1944. Price 10¢ a copy; \$1.00 a year, domestic; \$1.60 a year, foreign.<sup>2</sup>

<sup>1</sup> May be obtained from the issuing bureau.

<sup>2</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.

Indicate below, by numbers, IN NUMERICAL ORDER, bulletins required. List no more than five publications. If more are desired, please apply to Superintendent of Documents, Government Printing Office, Washington 25, D. C., enclosing remittance to cover cost of publication. In order to assure prompt delivery detach this frank and return in stamped envelope to United States Department of Agriculture, Office of Information, Washington 25, D. C.

Individuals residing in foreign countries will be required to furnish remittance for the cost of the publications selected, plus postage, amounting to one-third of the cost of the publications. Requests for change of address must show old as well as new addresses. Be sure to write your name and address plainly on reverse side of this form.

Farmers' Bulletins	AWI	All others

**Journal of agricultural research.** Price \$2.25 a year, domestic; \$3.75 a year, foreign. Each issue, 10¢, domestic; 20¢, foreign. Separates, 5¢, domestic; 8¢, foreign.<sup>2</sup> Not distributed free to individuals.

Of primary interest to agricultural scientists and advanced students only. Issued in 2 volumes a year of 12 numbers each. Free distribution is limited to certain libraries and to institutions or departments doing research work.

**Separates.** A small supply of each separate is given to the originating bureau or station for its staff, cooperators, and for such other distribution as can be made. Others interested may purchase copies from the Superintendent of Documents, Washington 25, D. C., at 5¢ each. The Office of Information has none for general distribution.

— Vol. 69, No. 1. July 1, 1944. Illus. Contents:

Smut resistance in an *Allium* species hybrid (Key No. G-1312). J. C. Walker, H. A. Jones, and A. E. Clarke.

Effects of soil treatments on the growth of the high-bush blueberry (Key No. Mich.-43). T. A. Merrill.

Potato varieties in relation to blackening after cooking (Key No. Wis.-145). G. H. Rieman, W. E. Tottingham, and John S. McFarlane.

Chemical composition of some American wild feedstuffs (Key No. A-217). Thomas R. King and Harold E. McClure.

— Vol. 69, No. 2. July 15, 1944. Illus. Contents:

Comparison of shoot apex and leaf development and structure in diploid and tetraploid maize (Key No. 1307). L. F. Randolph, Ernst C. Abbe, and John Finset.

Damping-off in broadleaf nurseries of the Great Plains region (Key No. G-1313). Ernest Wright.

— Vol. 69, No. 3. August 1, 1944. Illus. Contents:

Anatomical and cytological studies on beet mosaic (Key No. Calif.-136). Katherine Esau.

Reaction of *Lactuca* species to the aster yellows virus under field conditions (Key No. G-1302). Ross C. Thompson.

Differential effects of temperature on the development of the beet leafhopper (Key No. K-332). F. H. Harries.

For the present the policy has been adopted of issuing separates in advance of the Journal numbers in which they will appear. The following separates are accordingly available by purchase now.

Biology of *Allotropa burrelli* a gregarious parasite of *Pseudococcus comstocki* (Key No. K-329). Pp. 159-167, illus., from Vol. 69, No. 4. D. V. Clancy.

Relation of cultivation to depletion of root reserves in European bindweed at different soil horizons (Key No. Iowa-33). Pp. 137-147, illus., from Vol. 69, No. 4. A. L. Bakke, W. G. Gaessler, L. M. Pultz, and S. C. Salmon.

**News for farmer cooperatives.** Vol. 11, No. 1, April 1944; Vol. 11, No. 5, August, 1944. Price 10¢ a copy; \$1.00 a year.<sup>2</sup>

**Rural electrification news.** Vol. 9, No. 11, July 1944. Price 10¢ a copy; 75¢ a year, domestic; \$1.15 a year, foreign.<sup>2</sup>

**Soil conservation.** Vol. X—No. 1, July 1944. Price 10¢ a copy; \$1.00 a year, domestic; \$1.50 a year, foreign.<sup>2</sup>

<sup>2</sup> Payable to the Superintendent of Documents, Government Printing Office, Washington 25, D. C.





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**MILKWEED FLOSS FOR THE ARMED FORCES**

Campaigns for the collection of milkweed pods from wild plants in 29 States are being organized by the Department of Agriculture.

The silky floss in the seed pod of the common milkweed plant is the most acceptable substitute for kapok in life jackets, life belts, aviators' suits, and similar equipment requiring a filler that is light, buoyant, and reasonably water-proof. New importations of Java kapok are, of course, cut off by Japanese occupation of the Dutch East Indies. Milkweed floss is a hollow-stemmed fiber with a waxy coating, and in some respects is superior to kapok as filler for flotation gear.

A processing plant to separate the floss from the seed and pods has been erected by the Defense Supplies Corporation at Petoskey, Michigan. On rather short notice, an experimental collection campaign was conducted last year, confined mostly to nine counties in northern Michigan. A total of 95,000 pounds of floss resulted. Minimum requirements this year have been placed at 1,500,000 pounds, and the collection program has been extended to 29 States where milkweed is sufficiently prevalent to justify intensive campaigns.

Based on the results of the 1943 program, the Department is depending upon school-age children to do most of the picking. The collection of milkweed pods is a task that the children can perform easily, and offers them an opportunity to help directly in winning the war and in saving lives of American service men and women.

The pods will be picked in the early fall when the seeds burn brown. Picking will be done in open-mesh onion bags which will be furnished free to collectors. The bags hold one bushel of pods and when air-dried, weigh about five pounds. Fifteen cents a bag will be paid for fresh-picked pods, and 20 cents a bag for air-dried pods. The pods will dry properly if hung on a fence in the open air for a period of about two weeks. The pods will spoil if taken indoors or stacked before they are dried.

In organizing local pod collection drives, the Department has the cooperation of schools, 4-H clubs, Boy Scouts, Girl Scouts, Camp Fire Girls, and the Junior Red Cross. County War Boards and County Agricultural Agents are also assisting. Arrangements for the distribution of bags, the payment of pickers, and for assembling the filled bags for shipment to the processing plant are being made with the schools and other sponsoring youth groups.

State Milkweed Project Representatives will direct the collection campaign in Arkansas, Connecticut, Delaware, Illinois, Indiana, Iowa, Kansas, Kentucky, Maine, Maryland, Massachusetts, Michigan, Minnesota, Missouri, Nebraska, New Hampshire, New Jersey, New York, North Dakota, Ohio, Oklahoma, Pennsylvania, Rhode Island, South Dakota, Tennessee, Vermont, Virginia, West Virginia, and Wisconsin. In those States, full information can be obtained from County War Boards and County Agents. In other States, collectors will write to War Hemp Industries, Petoskey, Michigan, for instructions and bags.